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RAW SEQUENCE LISTING
PATENT APPLICATION US/10/059,964

DATE: 05/20/2002
TIME: 11:36:29

#3 Input Set: J059964.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

1 <110> APPLICANT: Rikihisa, Yasuko
2 Ohasi, Norio
3 <120> TITLE OF INVENTION: Outer Membrane Protein of Ehrlichia Canis and Ehrlichia
4 Chaffeensis
5 <130> FILE REFERENCE: 22727/04021
6 <140> CURRENT APPLICATION NUMBER: US/10/059,964
7 <141> CURRENT FILING DATE: 2002-01-28
8 <150> EARLIER APPLICATION NUMBER: 09/314,701
9 <151> EARLIER FILING DATE: 1999-05-19
10 <160> NUMBER OF SEQ ID NOS: 66
11 <170> SOFTWARE: PatentIn Ver. 2.0
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25 20 25 30
26 aac ggt aat ttc tac atc agt gga aaa tac atg cca agt gct tcg cat 144
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28 35 40 45
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30 Phe Gly Val Phe Ser Ala Lys Glu Glu Arg Asn Thr Thr Val Gly Val
31 50 55 60
32 ttt gga ctg aag caa aat tgg gac gga agc gca ata tcc aac tcc tcc 240
33 Phe Gly Leu Lys Gln Asn Trp Asp Gly Ser Ala Ile Ser Asn Ser Ser
34 65 70 75 80
35 cca aac gat gta ttc act gtc tca aat tat tca ttt aaa tat gaa aac 288
36 Pro Asn Asp Val Phe Thr Val Ser Asn Tyr Ser Phe Lys Tyr Glu Asn
37 85 90 95
38 aac ccg ttt tta ggt ttt gca gga gct att ggt tac tca atg gat ggt 336
39 Asn Pro Phe Leu Gly Phe Ala Gly Ala Ile Gly Tyr Ser Met Asp Gly
40 100 105 110
41 cca aga ata gag ctt gaa gta tct tat gaa aca ttt gat gta aaa aat 384
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56      ggt atc ggt act gat tta gta tcc atg ttt gaa gct aca aat cct aaa      624
57      Gly Ile Gly Thr Asp Leu Val Ser Met Phe Glu Ala Thr Asn Pro Lys
58          195                      200                      205
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69      Lys Gly Asn Tyr Pro Ala Ile Val Ile Leu Asp Val Cys His Phe Gly
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102          180                      185                      190
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107      Ala Ser Val Phe Ile Gly Gly His Phe His Lys Val Leu Gly Asn Glu
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152      145                      150                      155                      160
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159      gca tgt gca ggt gta gga gca gac ctt ata aac gta ttt aag gat ttt      624
160      Ala Cys Ala Gly Val Gly Ala Asp Leu Ile Asn Val Phe Lys Asp Phe
161              195                      200                      205
162      aat tta aaa ttc tca tac caa ggg aaa ata ggt att agc tat cca atc      672
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164              210                      215                      220
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202 Tyr Val Val Leu Lys Asn Glu Gly Ile Thr Phe Met Ser Leu Met Val
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204 Asn Thr Cys Tyr Asp Ile Thr Ala Glu Gly Val Pro Phe Ile Pro Tyr
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209          210          215          220
210 Thr Pro Glu Val Ser Ala Phe Ile Gly Gly Tyr Tyr His Gly Val Ile
211          225          230          235          240
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